

**In the Abstract:**

A reversible electrochemical system adapted to operate between a fuel cell mode, an electrolysis mode, and a ~~mode alternating between an~~ electrolysis ~~[[mode]]~~ and fuel cell mode, ~~also referred to as~~ alternating mode(~~[[an]]~~ energy storage mode), operating on a fuel gas mixture and an oxygen-containing gas mixture. ~~While in~~ In the fuel cell mode, a current of electrons ~~[[are]]~~ is delivered to an oxygen electrode where their charge is transferred to a plurality of oxygen ions ~~and the oxygen ions~~ which are passed through an electrolyte to a fuel electrode where the charge is transferred back to the electrode. ~~While in~~ In the electrolysis mode, a current of electrons ~~[[are]]~~ is sent to a fuel electrode where the charge is transferred to a plurality of oxygen ions ~~that are~~ formed by the decomposition of steam.~~[[, and the]]~~ The oxygen ions ~~are passed~~ pass through an electrolyte to an oxygen electrode where the charge is transferred back to the electrons. ~~While in the energy storage mode, the system alternates between the electrolysis mode and the fuel cell.~~

**In the Drawings:**

Please replace the drawing as filed with the replacement drawing enclosed herewith which is labeled as "Replacement Sheet". No new matter has been added.